USER'S GUIDE:
Electronic Hearing Protection & Enhancement

WORLDWIDE DISTRIBUTION

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IDENTIFICATION

Full Shells – Rear View

Serial numbers are imprinted on the back of Full Shell, Half Shell, and CIC (Completely in Canal) models, on the side of the Open E.A.R.™ and on the shell of MiniCanal™ models.

Open . E.A. R.™

The serial number for Behind-The-Ear (BTE) units can be found inside the battery door.

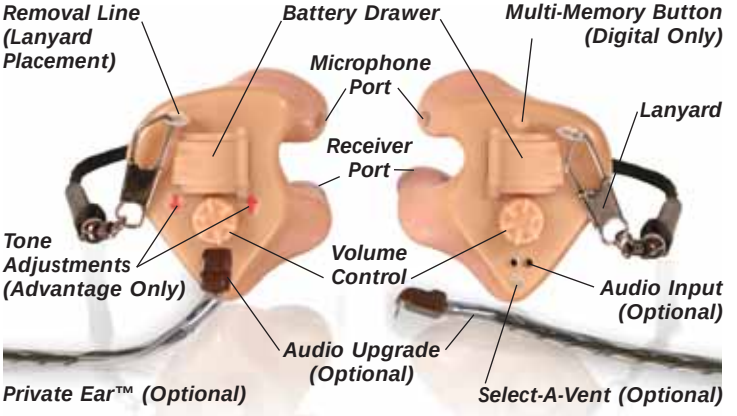
MiniCanal™

Full Shell, Half Shell, and CIC (Completely in Canal) models are marked with a red dot on the back of the instrument to indicate that the unit is intended for the right ear and a blue dot to indicate the left ear.

Some MiniCanals feature a red shell (right) and a blue shell (left.) Some MiniCanals with beige shell feature a red indication (right) and a blue indication (left.)

BTE

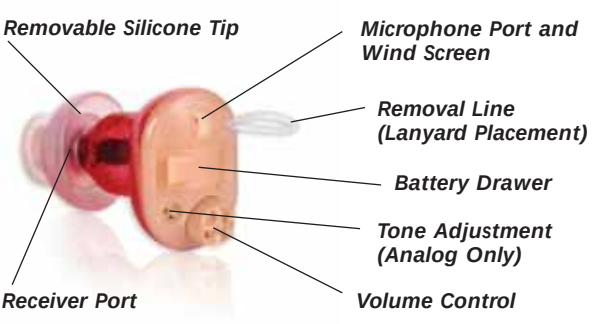
FEATURES: FULL SHELL



FEATURES: HALF SHELL

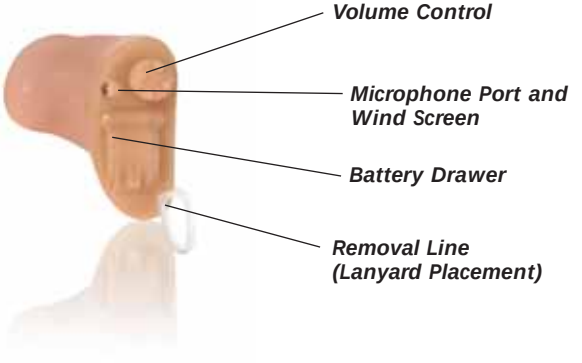
Your hearing protection may have different combinations of these features.

FEATURES: MINICANAL™



Your MiniCanal ™ model may differ from the one shown here.

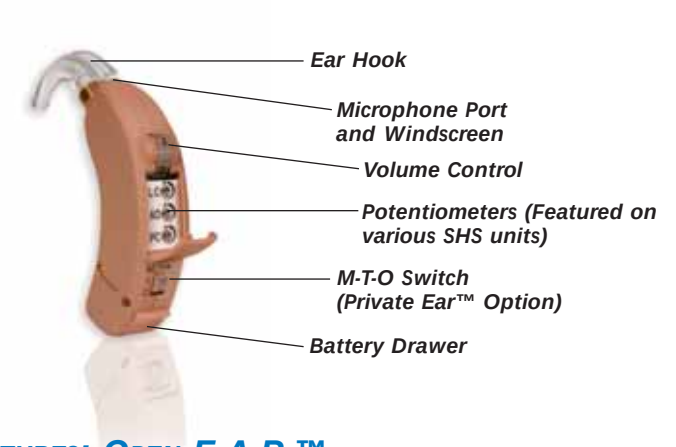
FEATURES: CIC (COMPLETELY IN CANAL)



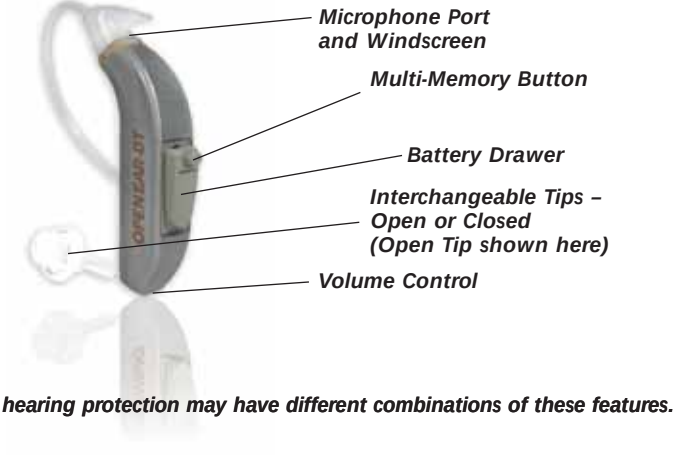
tures.

Your hearing protection may have different combinations of these features.

FEATURES: BTE (BEHIND-THE-EAR)



FEATURES: OPEN E.A.R.™


Microphone Port and Windscreen
Multi-Memory Button
Battery Drawer
Interchangeable Tips – Open or Closed (Open Tip shown here)
Volume Control

Your hearing protection may have different combinations of these features.

HEALTHY HEARING

Proper use of your hearing protection is crucial to reduce the risk of hearing damage due to high level noise exposure.

It is highly recommended that you have an annual hearing evaluation by a licensed Hearing Healthcare Professional. This will keep you informed of any changes in your hearing.

There are many things that contribute to hearing loss, including natural aging, diseases and lack of protection to high levels of noise. Your hearing protection can reduce the risk of hearing damage when used properly. Use your hearing protection when sound levels are greater than normal everyday levels (i.e. gunshots, motorcycles, etc.)

BATTERY INSTALLATION & REMOVAL

Your hearing protection uses either a size 13, 10A or 312 battery. Your hearing professional will advise you on which battery to use.

Installing the battery

Open the battery compartment by gently lifting the raised edge of the swing-out drawer. Place the battery in the drawer with the "+" side facing the same direction as the "+" sign on the drawer. Close the battery compartment by gently swinging the drawer until it securely snaps in place. Remove installed batteries by fully opening the drawer and pushing the battery out from the bottom.

If the drawer does not close easily, verify that the battery is placed correctly in the compartment. DO NOT FORCE THE BATTERY DRAWER SHUT.

BATTERY WARNING

Warning: *Batteries are dangerous if swallowed. If ingested, immediately contact a physician or the* ***National Button Battery Ingestion Hotline at (202) 625-3333.***

Dispose of used batteries in the proper waste or recycling container. Keep batteries out of reach of children and pets.

VOLUME CONTROLS

Volume Control
Allows you to adjust the amount of amplification provided by the protection.

For Full Shells, Half Shells and MiniCanals, to increase amplification, turn the volume control forward, toward your face. To decrease amplification, turn the volume control backward, toward the back of your head.

For SHS models. turn the Volume Control to a higher number for higher volume.

On Open E.A.R.™ models, the Volume Control is located on the bottom of the instrument. Rotate clockwise for higher volume, counter-clockwise for lower volume.

Turning your instrument On and Off. *Your instrument is on any time a functioning battery is placed in the compartment, and the battery drawer is closed. To turn your instrument off, fully open the battery drawer and remove the battery.*

MiniCanal™

Full Shell, Half Shell

SHS

Open E.A.R.™

MINICANAL™

Application and removal of silicone tip:

To apply silicone tip, hold tip between thumb and index finger. Insert MiniCanal™ tip into silicone tip as shown.

To remove silicone tip, grasp MiniCanal™ instrument and tip between thumb and index finger and gently pull apart.

DO NOT USE THE BATTERY DRAWER AS HOLDING POINT. DAMAGE MAY OCCUR.

MINICANAL™

Inserting your MiniCanal™

To insert your MiniCanal™, hold it with the extraction line between your thumb and index finger. The microphone opening should be at the bottom.

Gently guide the MiniCanal™ into your ear canal until you feel resistance.

Release the extraction line. Using your index finger, push the MiniCanal™ in until it is seated comfortably in your ear canal. Pulling down on your ear lobe with your other hand as you push may help with insertion.

Removing your minicanal

To remove , grasp the extraction line and gently pull the MiniCanal™ out of your ear canal.

DO NOT USE THE BATTERY DRAWER TO REMOVE YOUR MINICANAL™. DAMAGE MAY OCCUR.

HALF SHELL MODELS

Inserting your Half Shell

To insert your Half Shell, hold it between your thumb and index finger. The volume control should be at the top.

Gently guide the Half Shell into your ear canal. Press on the instrument to ensure that it is in place. To achieve the highest level of protection, the instrument must be properly inserted.

Removing your Half Shell

To remove your Half Shell, reach into the ear with your thumb and index finger, and gently pull out the instrument.

DO NOT USE THE BATTERY DRAWER TO REMOVE YOUR HALF SHELL. DAMAGE MAY OCCUR.

FULL SHELL MODELS

Inserting your Full Shell

To insert your Full Shell, hold it between your thumb and index finger with the battery drawer facing away from the ear.

Slowly insert the Full Shell into your ear canal. Gently twist the Full Shell until it is securely and comfortably seated in your ear. To achieve the highest level of protection, the instrument must be properly inserted.

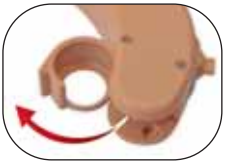
Removing your Full Shell

To remove your Full Shell, grasp the instrument with your thumb and index finger, and gently twist it as you pull outward.

DO NOT USE THE BATTERY DRAWER TO REMOVE YOUR FULL SHELL. DAMAGE MAY OCCUR.

BEHIND-THE-EAR (BTE) MODELS

Installing the Battery



To install the battery, open the battery compartment by gently lifting the raised edge of the swing-out drawer.

Place the battery in the drawer with the "+" side facing the same direction as the "+" sign on the drawer.

Close the battery compartment by gently swinging the drawer until it securely snaps in place.

DO NOT FORCE THE BATTERY DRAWER SHUT. If the drawer does not close easily, verify that the battery is placed correctly in the compartment.

Your Open E.A.R.™ hearing protection uses a size 13 battery.

***Remove installed batteries** by fully opening the drawer and pushing the battery out from the bottom.*

Volume control adjustment

To increase amplification, turn the volume control upward to display a higher number. To decrease , turn downward to a lower number.

BEHIND-THE-EAR (BTE) MODELS

How to Wear Your BTE

1. *To insert your earmold, hold it between your thumb and index finger.*

2. *Slowly insert the earmold into your ear canal. Gently twist it until it is securely and comfortably seated in your ear. To achieve the highest level of protection the instrument must be properly inserted.*

3. *Place the hearing protection behind your ear.*

***To Remove Your BTE**, take the instrument out from behind your ear and gently pull the earmold outward.*

M-T-O switch

Some BTEs are equipped with an M-T-O switch. For normal listening situations, set the switch to the "M" or Microphone position. When using the Private Ear™ option, set the switch to the "T". To turn the BTE off, set the switch to the "O" or off position.

OPEN E.A.R.™ MODELS

Installing the Battery

To install the battery, open the battery compartment by gently lifting the raised edge of the swing-out drawer.

Place the battery in the drawer with the "+" side facing the same direction as the "+" sign on the drawer.

Close the battery compartment by gently swinging the drawer until it securely snaps in place.

DO NOT FORCE THE BATTERY DRAWER SHUT. If the drawer does not close easily, verify that the battery is placed correctly in the compartment.

Your Open E.A.R.™ uses a size 13 battery.

***Remove installed batteries** by fully opening the drawer and pushing the battery out from the bottom.*

Volume control adjustment

The Open E.A.R.™ Volume Control is located on the bottom of the instrument. Rotate clockwise for higher volume, counter-clockwise for lower volume.

OPEN E.A.R.™ MODELS

How to Wear Your Open E.A.R.™

The Open E.A.R.™ comes with two types of interchangeable tips. Use the ***Open Tip*** *for hearing enhancement in quiet activities like bow hunting, nature listening, and communications. Use the* ***Closed Tip*** *for hearing protection from loud sounds such as gunfire, industrial noise, racing and motorcycling. (Note: In this case, superior sound quality remains, but most users will experience some degree of occlusion due to the closed tips required to reduce loud sounds.)*

Slowly insert the open or closed tip into your ear canal. To achieve the highest level of protection the tip must be properly inserted. Bring the tubing to the top front of the ear and place the instrument behind your ear.

Removing Your Open E.A.R.™

To remove, gently pull the tip outward.

Multi-Memory Switch

The Multi-Memory button allows you to select from the different memory settings that your hearing professional has programmed for you. For more information on the Multi-Memory switch, see page 19.

USING THE PRIVATE EAR™ OPTION

The Private Ears™ option brings communications from a two-way radio or cell-phone straight to the ear via an induction loop system. This feature enables the user to camouflage radio commands communications without any wires to the ear.

The Private Ear™ option is available on Full Shell, Half Shell, BTE and Open E.A.R.™ models and is designed to activate when used with a telephone orcommunication radio connected to an induction loop which transmits to the hearing protection instrument.

If you have an instrument with an M-T-O switch, set it to "T" for Private Ear™ option. For units equipped with an "Active Telecoil", instrument will respond automatically.

If your Full Shell or Half Shell is equipped with the Private Ear™ option be sure to activate it by gently toggling the switch upward.

The Private Ear™ is also available in a stand-alone non-custom Micro unit and features receive-only ability.

BTE

Full and Half Shell

Micro Private Ear™

MULTI-MEMORY BUTTON (IF SO EQUIPPED)

Your hearing protection may be equipped with a multi-memory button. The multi-memory button allows you to select from the different memory settings that your hearing professional has programmed for you. Your hearing professional will advise you on when to use each memory setting.

Full and Half Shell

Open E.A.R.™

If the hearing protection is turned off or the battery is removed the protection will default to Memory Setting 1.

Memory Setting	***Listening Environment***
1	
2	
3	
4	

MUSIC MONITOR OPTION

The Audio Input option gives users the ability to use their electronic earpiece as a music monitor. This feature is completely independent from the electronic enhancement aspect of the earpiece and will not rely on a battery to power it.

The 4 foot audio cord is detachable and has a standard 3.5mm stereo jack that will fit all stereo devices.

SELECT-A-VENT SYSTEM

Select-a-Vent technology is ideal for users who also participate in non-impact situations such as archery, bird watching and general communications. This feature will reduce the overall occlusion effect of a completely solid earplug and allow the ear canal to breathe.

For those who select this option and still wish to have the option of using their electronic earpieces within high impact noise areas, the vent hole can be closed with supplied plugs. This will create a solid earpiece again and protect from high noise activities.

CARE AND STORAGE

If you are not planning to use your hearing protection for an extended period of time, remove the battery and store your hearing protection and battery separately in the supplied storage case.

Carefully brush your hearing protection with the supplied brush tool located in your storage case. Do not push any earwax or other debris into the openings of the hearing protection. After brushing your hearing protection, wipe it thoroughly with a soft cloth.

If you use a BTE, clean the earmold by wiping it with a soft, moist cloth. Inspect the plastic tubing frequently. Have your hearing professional replace cracked, hardened, or clogged tubing.

DO NOT wear your hearing protection while showering or bathing, or otherwise allow any liquid to enter the protection.

DO NOT drop your hearing protection.

DO NOT apply perfumes, colognes, or hair spray while wearing your hearing protection.

DO NOT expose your hearing protection to excessive heat, such as ovens, heat lamps, hair dryers, etc.

KEEP BATTERIES OUT OF THE REACH OF CHILDREN. *If ingested, immediately contact a physician or the* ***National Button Battery Ingestion Hotline*** *at* ***(202) 625-3333****.*

TROUBLESHOOTING GUIDE

Please contact your hearing professional for further assistance if these suggestions do not resolve the problem.

PROBLEM	POSSIBLE CAUSE	RESOLUTION
Dead	*Dead Battery*	*Replace Battery*
	Not Turned On	*Turn the Volume Control to the "On" Position*
	Receiver Tube Blocked	*Contact Your Hearing Professional*
Weak	*Low Battery*	*Replace Battery*
	Receiver Tube Blocked	*Contact Your Hearing Professional*
Distorted	*Low Battery*	*Replace Battery*
	Defective Instrument	*Contact Your Hearing Professional*
Intermittent	*Low Battery*	*Replace Battery*
	Defective Instrument	*Contact Your Hearing Professional*

REPAIR AND SERVICE

Should your hearing protection instrument fail, refer to the Troubleshooting Guide, above, for possible solutions. If a solution is not reached, please contact your hearing protection provider for further assistance.

LIMITED WARRANTY

Your new E.A.R., Inc. custom or BTE hearing protection is warranted against defects in materials and workmanship for a period of 24 months from date of manufacturer's invoice. The MiniCanal™ series are warranted for 1 year (U.S.) or 2 year (Europe). During the warranty period, we will repair the hearing protection should it prove to be defective in materials or workmanship. If the hearing protection cannot be repaired, it will be replaced with a comparable hearing protection that is new or refurbished. The warranty period is not extended if we repair or replace a warranted hearing protection.

This warranty does not cover accessories, including earmolds, tubing, cords, and batteries. Appearance changes due to normal wear and tear are not considered defects.

Damage due to accidents, abuse, misuse, or neglect are excluded from this warranty. Tampering and attempted repairs by unauthorized personnel voids warranty coverage. Instruments with missing or altered serial numbers are excluded from this warranty. This warranty does not include a promise of specific hearing improvement.

This warranty is exclusive, and is in lieu of all other warranties, express or implied, including but not limited to, the implied warranties of merchantability or fitness for a particular purpose.

We do not accept liability beyond the remedies provided for in this limited warranty or for consequential or incidental damages.

This warranty gives you specific legal rights, and you may also have other rights which vary from state to state. Some states do not allow limitations on how long an implied warranty lasts or limitations on incidental or consequential damages, so the above limitations or exclusions may not apply to you.

If you have any questions, or your hearing protection requires service, please contact your hearing professional:

E.A.R.Inc
SPECIALIZED HEARING SYSTEMS

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